

Sequence Listing

```
<110> Satoshi Harashima
      Yoshinobu Kaneko
      Minetaka Sugiyama
<120> Method for modifying chromosomes
<130> NANJ-0009-1
<140> US/10/659,326
<141> September 11, 2003
<150> Japanese Patent Application No. 2002-339259
<151> November 22, 2002
<160> 20
<210> 1
<211> 29
<212> DNA
<213> Artificial Sequence
<220>
<223> Other Information: Artificial sequence is a primer.
<400> 1
ctctctagat aacaccgatc agatgcaca
                                     29
<210> 2
<211> 29
<212> DNA
<213> Artificial Sequence
<220>
<223> Other Information: Artificial sequence is a primer.
<400> 2
ctcctcqaqa aacttqctct qctaactca
                                     29
<210> 3
<211> 29
<212> DNA
<213> Artificial Sequence
<220>
<223> Other Information: Artificial sequence is a primer.
·<400> 3
ctcgaattcg gccattctca tgaagaata
                                     29
<210> 4
<211> 29
<212> DNA
<213> Artificial Sequence
<220>
<223> Other Information: Artificial sequence is a primer.
<400> 4
ctcgaattct ctaagaggtg atacttatt
<210> 5
<211> 99
<212> DNA
<213> Artificial Sequence
<220>
<223> Other Information: Artificial sequence is a primer.
<400> 5
gaatgctatg ttgtggttag cgacctgccc cttgccaaat ctatatcacc acttccttag
                                                                      60
catgtaatca tttacttaaa ggaaacagct atgaccatg
```

```
<210> 6
<211> 56
<212> DNA
<213> Artificial Sequence
<223> Other Information: Artificial sequence is a primer.
<400> 6
ccccaaccc aaccccaacc ccaaccccaa ccccaatcga ggtcgacggt atcgat
                                                                   56
<210> 7
<211> 99
<212> DNA
<213> Artificial Sequence
<220>.
<223> Other Information: Artificial sequence is a primer.
<400> 7
gttgaaaagg aaatcaacgt tacaaagtgc agttttttgt attattttcc tattatcctc
                                                                     60
ttcttttcct ttgtttcagg ggaaacagct atgaccatg
<210> 8
<211> 99
<212> DNA
<213> Artificial Sequence
<220>
<223> Other Information: Artificial sequence is a primer.
<400> 8
tttaagtaaa tgattacatg ctaaggaagt ggtgaataag atttggcaag gggcaggtcg
                                                                     60
ctaaccacaa catagcattc ggaaacagct atgaccatg
<210> 9
<211> 99
<212> DNA
<213> Artificial Sequence
<220>
<223> Other Information: Artificial sequence is a primer.
<400> 9
cctgaaacaa aggaaaagaa gaggataata ggaaaataat acaaaaaact qcactttqta
                                                                     60
acgttgattt ccttttcaac ggaaacagct atgaccatq
<210> 10
<211> 60
<212> DNA
<213> Artificial Sequence
<220>
<223> Other Information: Artificial sequence is a primer.
<400> 10
caagaaatat cttgaccgca gtgaactgtg ggaatactca ggtatacagc tatgaccatg
<210> 11
<211> 60
<212> DNA
<213> Artificial Sequence
<220>
<223> Other Information: Artificial sequence is a primer.
<400> 11
gaaaaaataa tggttgctaa gagattcgaa ctcttgcatc ttacgacagc tatgaccatg
<210> 12
<211> 29
<212> DNA
```

```
<213> Artificial Sequence
<220>
<223> Other Information: Artificial sequence is a primer.
<400> 12
ctcgtcgacg gccattctca tgaagaata
                                    29
<210> 13
<211> 29
<212> DNA
<213> Artificial Sequence
<223> Other Information: Artificial sequence is a primer.
<400> 13
ctcctcgagt ctaagaggtg atacttatt
                                    29
<210> 14
<211> 99
<212> DNA
<213> Artificial Sequence
<220>
<223> Other Information: Artificial sequence is a primer.
400> 14
ggtcttcatc ctccatttgg tcaatgcggc caacaatacg gatttcctcc tcattggagc
gcagagaccc taacaacaca cttcgtacgc tgcaggtcg
<210> 15
<211> 99
<212> DNA
<213> Artificial Sequence
<220>
<223> Other Information: Artificial sequence is a primer.
<400> 15
tgtgtggtca tgttcagcgt gagcaaaatc agtcggaaag tgaacgagaa ttqqaatqtq
gaagacggac atatcactga cttcgtacgc tgcaggtcg
<210> 16
<211> 99
<212> DNA
<213> Artificial Sequence
-<220>
<223> Other Information: Artificial sequence is a primer.
<400> 16
ttataatgag caagtcgata caaggactgc ccataaagtg ggaggagtac gccgctgatg
aagtggtttt getggtacet ettegtaege tgeaggteg
<210> 17
<211> 99
<212> DNA
<213> Artificial Sequence
<223> Other Information: Artificial sequence is a primer.
<400> 17
tatatgattt tgtgttcgtt tttcgtcttg cgaaaggcat ccccaatggc ttgtttcatt
gatccatcag tgtggctcgt cttcgtacgc tgcaggtcg
<210> 18
<211> 99
<212> DNA
<213> Artificial Sequence
<220>
```

```
<223> Other Information: Artificial sequence is a primer.
<400> 18
gaccagtgaa gaggaattga ataagtagaa cttgggcaat acttataacg gcaatgataa 60
tgataatcaa tatagataac cttcgtacqc tgcaggtcq
<210> 19
<211> 99
<212> DNA
<213> Artificial Sequence
<220>
<223> Other Information: Artificial sequence is a primer.
<400> 19
acgaagactt tgaactattt gagagccaga gaatqqagaa acatgtctac cqtcaattcc 60
accgaatcaa ggttgacttg cttcgtacgc tgcaggtcg
<210> 20
<211> 56
<212 > DNA
<213> Artificial Sequence
<220>
<223> Other Information: Artificial sequence is a primer.
<400> 20
```

ccccaaccc aaccccaacc ccaaccccaa ccccaaaggc cactagtgga tctgat

56